

ABSTRACT OF THE DISCLOSURE

- 5 A self-expanding stent delivery apparatus having a reinforced sheath for the safe, effective and accurate deployment of self-expanding stents. The sheath is formed from an inner polymeric layer, an outer polymeric layer and a reinforcement layer sandwiched therebetween. The reinforcement layer comprises flat metallic wire to provide the requisite radial and axial strength. In addition, flat wire reduces the profile of the device.